

Issuing DB2 Commands from Natural

The DB2 Command part of the Natural Tools for DB2 enables you to issue DB2 commands from a Natural environment.

A file is maintained for each user on the FUSER file. This file is stored under the object name DB2\$CMD in the Natural library of the current user.

You can select a command and submit it, save the command file and save and/or print the output report.

This section covers the following topics:

- Invoking the DB2 Command Part
- Displaying the Command File
- Displaying the Output Record

Invoking the DB2 Command Part

► To invoke the Interactive SQL function

- Enter function code "D" on the Natural Tools for DB2 Main Menu.

The Execute DB2 Command screen is displayed:

```
16:07:56          ***** NATURAL TOOLS FOR DB2 *****          1999-07-02
                  - Execute DB2 Command -

                                         Code   Function
                                         C     Display Commands
                                         O     Display Output
                                         ?     Help
                                         .     Exit

                                         Code .. _ Library .. DBA_____
                                         Help      Exit                               Canc

Command ===>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
                           Help           Exit                               Canc
```

The following functions are available:

Code	Description
C	Displays your command file. If you have not saved a command file yet, a default file is displayed.
O	If an output file exists, the output report is displayed.

The following parameter can be specified:

Library: You can enter a user name or library. The default is the current user ID.

Displaying the Command File

► To display the command file

- Enter function code "C" on the DB2 command menu.

The DB2 Commands screen is displayed:

```
16:12:11          ***** NATURAL TOOLS FOR DB2 *****          1999-07-02
                  - DB2 Commands -
Mark the line of the command you want to execute with 'S' and press PF4

Cmd 1   _  -DISPLAY THREAD (*). . . . . .
Cmd 2   _  -DISPLAY LOCATION. . . . . .
Cmd 3   _  -DISPLAY DATABASE(*) LIMIT(2500) . . . . .
. . . . .
Cmd 4   _  -DISPLAY PROCEDURE (*). . . . . .
. . . . .
Cmd 5   _  -DISPLAY DATABASE(DSNDB04) LIMIT (*) . . . . .
. . . . .
Cmd 6   _  . . . . .
. . . . .
Cmd 7   _  . . . . .
. . . . .
Cmd 8   _  . . . . .
. . . . .

Command ===>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Exit   Subm   Save                               Next   Canc
```

Use PF11 to scroll to the next page.

You can modify the command file. Save your modifications with PF5.

► To execute a command

- Mark the command with "S" and press PF4.

The results are displayed on the DB2 Commands Output screen:

```
16:13:23          ***** NATURAL TOOLS FOR DB2 *****          1999-07-02
                  - DB2 Commands Output -

Command:      -DISPLAY DATABASE(DSNDB04) LIMIT (*)
Return Code 1: 00000000           Return Code 2: 00000000
Length of Output: 00001AFB

DSNT360I - ****
DSNT361I - * DISPLAY DATABASE SUMMARY
            * GLOBAL
DSNT360I - ****
DSNT362I -     DATABASE = DSNDB04   STATUS = RW
              DBD LENGTH = 72674
DSNT397I -
NAME      TYPE PART STATUS          PHYERRLO PHYERRHI CATALOG  PIECE
-----  -----
ADRESSE  TS      RW
ALIASRBY TS      RW
ALLDATA0 TS      RW

Command ===>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Exit      Save   --   -   +   ++   Canc
```

To save the command file, use PF5; the output file is stored under the object name DB2\$OUT in the Natural library of the current user.

To return to the command file, use PF3.

You can submit further commands.

Displaying the Output Report

► To display the last output record

- Enter function code "O" on the DB2 command menu.

The DB2 Commands Output screen is displayed:

```
16:13:57          ***** NATURAL TOOLS FOR DB2 *****
                     - DB2 Commands Output -
Command:          -DISPLAY DATABASE(*) LIMIT(2500)
Return Code 1:    00000000      Return Code 2:  00000000
Length of Output: 00007468

DSNT360I - ****
DSNT361I - * DISPLAY DATABASE SUMMARY *
             * GLOBAL *
DSNT360I - ****
DSNT362I -   DATABASE = DSNDB01  STATUS = RW
              DBD LENGTH = 8000
DSNT397I -
NAME      TYPE PART STATUS           PHYERRLO PHYERRHI CATALOG  PIECE
-----  -----
DBD01     TS    RW
SPT01     TS    RW
SCT02     TS    RW

Command ===>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          Exit      Print --  -  +  ++  Canc
```

To print the output record, use PF5.